Comparisons of Job Characteristics

Focus Occupation: Physicians and Surgeons, All Other (29-1069)
Associated Occupation: Family and General Practitioners (29-1062)

Compare Knowledge Compare Skills Compare Abilities Compare Detailed Work Activities Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Physicians and Surgeons, All Other (29-1069)
Associated Occupation: Family and General Practitioners (29-1062)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation	
Medicine and Dentistry	3.7	23.9	22.4	0	Current knowledge level may be sufficient	
Psychology	6.4	21.9	13.2	<<	Extensive education and/or training may be required	
Biology	3.7	20.7	17.0	<<	Extensive education and/or training may be required	
Therapy and Counseling	3.8	20.3	12.4	<<	Extensive education and/or training may be required	
Chemistry	4.8	12.0	10.7	<	Expanded education and/or training may be required	
Sociology and Anthropology	4.1	11.8	8.5	<<	Extensive education and/or training may be required	

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 9

Focus Occupation: Physicians and Surgeons, All Other (29-1069)
Associated Occupation: Family and General Practitioners (29-1062)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Active Listening	11.0	16.9	14.4	A higher skill level may be required
Reading Comprehension	10.7	16.0	17.1	Current skill level may be sufficient
Critical Thinking	10.8	15.6	15.8	Current skill level may be sufficient
Social Perceptiveness	9.1	15.2	14.4	Current skill level may be sufficient
Judgment and Decision Making	9.4	15.1	14.2	Current skill level may be sufficient
Speaking	10.8	15.1	14.9	Current skill level may be sufficient

Science	4.5	15.0	12.3	<	A higher skill level may be required
Writing	9.2	13.9	13.9	0	Current skill level may be sufficient
Complex Problem Solving	9.1	13.5	14.1	0	Current skill level may be sufficient
Active Learning	8.7	13.0	14.8	>	Skill level is likely sufficient
Service Orientation	7.9	13.0	12.8	0	Current skill level may be sufficient
Time Management	8.9	12.0	11.2	0	Current skill level may be sufficient
Persuasion	7.4	11.5	10.3	<	A higher skill level may be required
Management of Personnel Resources	6.9	10.6	10.6	0	Current skill level may be sufficient
Operations Analysis	5.0	10.6	3.8	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Physicians and Surgeons, All Other (29-1069)
Associated Occupation: Family and General Practitioners (29-1062)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation		
Problem Sensitivity	11.1	20.4	18.4	<	Some improvement in abilities may be required	
Oral Expression	12.4	18.3	17.2	0	Current ability level may be sufficient	
Inductive Reasoning	10.2	17.9	18.2	0	Current ability level may be sufficient	
Oral Comprehension	12.5	17.7	17.3	0	Current ability level may be sufficient	
Written Comprehension	11.0	16.1	16.3	0	Current ability level may be sufficient	
Deductive Reasoning	10.6	15.0	15.9	0	Current ability level may be sufficient	
Written Expression	9.8	13.9	14.6	0	Current ability level may be sufficient	
Flexibility of Closure	7.8	10.4	12.3	>	Current ability level is likely sufficient	
Speed of Closure	5.9	9.1	8.3	0	Current ability level may be sufficient	

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 85

Focus Occupation: Physicians and Surgeons, All Other (29-1069) Associated Occupation: Family and General Practitioners (29-1062)

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Business function specific software	1
Computers	1
Content authoring and editing software	1

Data management and query software	1				
Electrocardiography EKG units and related products	20				
Emergency medical services resuscitation products	15				
Finance accounting and enterprise resource planning ERP software	2				
Hearing testing products	31				
Industry specific software	1				
Information exchange software	1				
Intravenous and arterial tubing and administration sets and related products	22				
Intubation supplies	21				
Medical gloves and accessories	19				
Medical staff clothing and related articles	17				
Medical suction and vacuum products	33				
Medical ultrasound and doppler and echo imaging products	19				
Network applications software	1				
Neurological exam products	30				
Ophthalmic diagnostic exam products	27				
Oxygen therapy delivery systems and devices	13				
Patient point of care testing supplies and equipment	23				
Pulmonary function testing and treatment products					
Pulse oximeters	18				
Resuscitation supplies	29				
Scopes and specula and accessories for medical exam diagnostic use	23				
Specimen collection and transport containers and supplies	14				
Stethoscopes and related products	14				
Surgical clamps and forceps and surgical ligators and related instruments	29				
Surgical cutting instruments and snares and related products	24				
Surgical equipment and accessories and related products	23				
Suture and related products	23				
Syringes and accessories	14				
Typing machines and accessories	25				

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.